SNAKE RIVER MAIN STEM

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: January 1953 to September 1976, March l978 to July 1979, May to September, 1996 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 20 °C Aug. 6, 7, 1970; minimum, 0.0 °C on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 16.9 °C Aug. 30.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR											
16...	1045	14400	379	8.1	12.0	3.5	1.0	11.2	102	K4	22
MAY											
30...	1100	15900	306	8.1	7.5	8.0	14	9.3	94	K11	K180
JUN											
26...	1400	23800	258	8.2	23.5	11.5	13	9.3	102	24	K17
JUL											
19...	0910	14000	254	8.0	15.5	12.5	3.7	8.4	94	K12	K15
AUG											
26...	1345	9300	299	8.1	21.5	13.5	0.6	8.2	96	K9	K4
SEP											
20...	1115	7050	334	8.0	11.0	13.5	1.2	8.4	97	K6	31

DATE	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH FET FIELD MG/L AS HCO3 (00440)	CAR-BONATE WATER WH FET FIELD MG/L AS CO3 (00445)	ALKA-LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)
SEP									
20...	150	42	10	8.0	11	1.7	150	0	121

DATE	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)
SEP								
20...	36	7.9	0.3	9.6	194	188	0.26	3690

DATE	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
APR								
16...	<0.01	0.11	0.030	<0.2	0.02	<0.01	8	311
MAY								
30...	0.02	0.13	0.040	0.3	0.06	0.01	26	1120
JUN								
26...	<0.01	0.10	0.040	<0.2	0.02	0.02	33	2120
JUL								
19...	0.01	0.09	0.030	<0.2	<0.01	0.02	17	643
AUG								
26...	<0.01	0.09	<0.015	<0.2	0.01	0.01	4	100
SEP								
20...	<0.01	0.12	<0.020	<0.2	<0.01	<0.01	3	57

K Results based on counts outside ideal colony range.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		APRIL			MAY			JUNE	
1	---	---	---	---	---	---	11.1	7.9	9.3
2	---	---	---	---	---	---	11.2	7.9	9.4
3	---	---	---	---	---	---	11.4	7.9	9.5
4	---	---	---	---	---	---	11.8	8.3	10.1
5	---	---	---	---	---	---	11.4	8.5	9.9
6	---	---	---	---	---	---	11.4	8.3	9.7
7	---	---	---	---	---	---	12.0	8.5	10.1
8	---	---	---	---	---	---	12.0	9.1	10.4
9	---	---	---	---	---	---	11.8	8.9	10.2
10	---	---	---	---	---	---	11.8	8.9	10.2
11	---	---	---	---	---	---	11.7	9.1	10.2
12	---	---	---	---	---	---	11.8	9.4	10.5
13	---	---	---	---	---	---	11.8	9.6	10.5
14	---	---	---	---	---	---	12.2	9.7	10.7
15	---	---	---	---	---	---	12.0	9.9	10.7
16	---	---	---	---	---	---	12.3	9.9	11.0
17	---	---	---	---	---	---	12.6	10.1	11.1
18	---	---	---	---	---	---	11.7	10.1	10.8
19	---	---	---	---	---	---	12.2	9.9	10.8
20	---	---	---	---	---	---	12.0	10.1	11.0
21	---	---	---	---	---	---	12.2	10.4	11.2
22	---	---	---	---	---	---	12.2	10.8	11.4
23	---	---	---	---	---	---	12.0	10.3	11.1
24	---	---	---	---	---	---	12.5	10.8	11.6
25	---	---	---	---	---	---	12.5	10.8	11.6
26	---	---	---	---	---	---	12.2	11.1	11.6
27	---	---	---	---	---	---	12.3	11.2	11.6
28	---	---	---	---	---	---	11.8	10.9	11.3
29	---	---	---	---	---	---	12.8	10.9	11.7
30	---	---	---	---	---	---	12.9	11.2	12.0
31	---	---	---	10.6	8.0	9.2	---	---	---
MONTH	---	---	---	---	---	---	12.9	7.9	10.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JULY			AUGUST			SEPTEMBER	
1	13.1	11.4	12.2	16.2	12.9	14.5	16.4	13.4	14.9
2	13.2	11.5	12.3	16.1	13.2	14.5	16.4	13.2	14.8
3	13.4	11.7	12.4	15.1	12.6	14.0	16.4	13.2	14.9
4	13.4	12.0	12.7	15.6	12.6	14.0	16.4	13.7	15.1
5	13.7	12.0	12.8	15.7	12.6	14.2	15.9	14.2	14.9
6	13.4	11.7	12.5	15.6	13.2	14.3	15.9	12.8	14.3
7	13.4	11.7	12.5	16.4	12.3	14.3	16.2	13.2	14.7
8	13.7	12.0	12.7	16.5	13.2	14.8	16.4	13.4	14.9
9	13.4	12.2	12.8	16.4	12.8	14.6	16.4	13.5	15.0
10	13.7	12.2	12.7	16.7	13.2	14.9	16.4	13.5	15.0
11	14.0	12.2	12.9	16.7	13.1	14.9	16.1	14.3	15.0
12	14.0	12.2	13.0	16.1	13.2	14.8	16.4	14.3	15.3
13	14.0	12.3	13.1	16.5	13.5	15.0	15.9	14.3	15.2
14	14.0	12.2	13.0	16.2	13.7	14.9	15.6	13.9	14.6
15	13.9	12.5	13.1	16.7	13.9	15.2	15.4	13.5	14.5
16	13.5	12.6	13.1	16.5	13.4	15.0	15.3	13.4	13.9
17	14.0	12.5	13.1	16.4	13.9	15.1	14.2	12.9	13.5
18	14.3	12.6	13.3	15.9	13.7	14.6	14.5	12.8	13.6
19	15.4	12.6	13.9	16.1	12.6	14.3	14.0	13.1	13.6
20	15.3	12.0	13.5	16.2	13.4	14.8	---	---	---
21	15.6	11.8	13.6	16.4	13.2	14.7	---	---	---
22	15.6	12.2	13.7	16.5	12.9	14.7	---	---	---
23	15.7	12.3	14.0	16.7	13.1	14.9	---	---	---
24	15.6	12.3	13.9	16.7	13.2	14.9	---	---	---
25	15.1	12.6	13.8	16.4	13.2	14.9	---	---	---
26	15.9	12.5	14.0	16.2	13.4	14.8	---	---	---
27	15.9	12.6	14.1	16.4	13.9	15.1	---	---	---
28	15.0	13.1	14.1	16.4	14.0	15.2	---	---	---
29	14.6	13.2	13.9	16.7	13.5	15.0	---	---	---
30	16.4	12.9	14.5	16.9	13.7	15.2	---	---	---
31	16.1	13.2	14.6	16.5	13.7	15.2	---	---	---
MONTH	16.4	11.4	13.3	16.9	12.3	14.8	---	---	---

SNAKE RIVER MAIN STEM

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953 to 1996 (discontinued).

COLLECTION METHODS.--Composite of 5, 0.25 m^2 samples. Richest targeted habitat--riffles, whole sample.
MESH SIZE.--425 um.

AVERAGE DEPTH.--0.22 m.

AVERAGE PERCENT SHADING.--23.

AVERAGE VELOCITY.--0.62 m/s.

SUBSTRATE EMBEDDEDNESS CLASS RANGE.--4-5.

PERCENT FINES RANGE.--10.

HABITAT QUALITY INDEX.--NA.

REMARKS.--Large river, habitat diverse, riffles, bars and islands common.

BIOLOGICAL DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
BENTHIC INVERTEBRATE COLLECTION DATA

ORGANISM **TAXON** *GENUS SPECIES*	DATE SEP. 12	NUMBER OF INDIV-IDUALS	PERCENT COMPO-SITION	FUNC-TIONAL FEEDING GROUP	POLLU-TION TOLER-ANCE VALUE
NON-INSECTS					
Oligochaeta		37.5	0.19	CG	5
Bakerilymnaea bulimates		262.5	1.36	CG	6
Acari		112.5	0.58	PA	5
EPHEMEROPTERA					
Acentrella turbida		300	1.56	CG	4
Baetis tricaudatus		4388	22.81	CG	6
Ephemerella inermis/infrequens		187.5	0.97	CG	1
Rhithrogena		150	0.78	SC	0
PLECOPTERA					
Chloroperlidae		37.5	0.19	PR	1
Claassenia sabulosa		37.5	0.19	PR	3
Perlodidae-early instar		37.5	0.19	PR	2
Isoperla		525	2.73	PR	2
TRICHOPTERA					
Brachycentrus occidentalis		825	4.29	OM	1
Hydropsyche		1763	9.16	CF	4
Lepidostoma-sand case larva		150	0.78	SH	1
DIPTERA					
Simulium		4763	24.76	CF	6
CHIRONOMIDAE					
Chironomidae-pupae		487.5	2.53	UN	6
Cardiocladius		112.5	0.58	PR	5
Cricotopus		2325	12.09	CG	7
Cricotopus Trifascia Gr.		37.5	0.19	CG	6
Eukiefferiella		150	0.78	OM	8
Micropsectra		150	0.78	CG	7
Microtendipes		150	0.78	CG	6
Orthocladius Complex		1163	6.04	CG	6
Orthocladius Euorthocladius		150	0.78	CG	6
Pagastia		375	1.95	CG	1
Paraphaenocladius		37.5	0.19	CG	4
Synorthocladius		150	0.78	CG	2
Thienemanniella		37.5	0.19	CG	6
Tvetenia		337.5	1.75	CG	5

TOTAL NUMBER OF TAXA	29	EPT ABUNDANCE	8401/m^2
TOTAL NUMBER OF ORGANISMS	19239/m^2	NUMBER EPT TAXA	11
HILSENHOFF BIOTIC INDEX	5.28	SHANNON DIVERSITY INDEX (H	3.43

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

COLLECTION METHODS.--Qualitative multiple habitat, relative abundance, whole sample.
MESH SIZE.--210 um.
GEAR TYPE.--D-frame net and visual collections.

REACH LENGTH.--NA.

AVERAGE WIDTH.--NA.

HABITAT QUALITY INDEX.--NA.

REMARKS.--Large river, habitat diverse, riffles, bars and islands common.

BIOLOGICAL DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
BENTHIC INVERTEBRATE COLLECTION DATA

ORGANISM **TAXON** *GENUS SPECIES*	DATE SEP. 12	NUMBER OF INDIV-IDUALS	PERCENT COMPO-SITION	FUNC-TIONAL FEEDING GROUP	POLLU-TION TOLER-ANCE VALUE
NON-INSECTS					
Oligochaeta		680	3.02	CG	5
Bakerilymnaea bulimates		1040	4.63	CG	6
Acari		40	0.18	PA	5
EPHEMEROPTERA					
Acentrella turbida		120	0.53	CG	4
Baetis tricaudatus		4200	18.68	CG	6
Centroptilum		40	0.18	CG	2
Attenella margarita		40	0.18	CG	2
Ephemerella inermis/infrequens		400	1.78	CG	1
Rhithrogena		240	1.07	SC	0
Paraleptophlebia		40	0.18	CG	4
PLECOPTERA					
Claassenia sabulosa		40	0.18	PR	3
Isoperla		400	1.78	PR	2
TRICHOPTERA					
Brachycentrus occidentalis		321	1.42	OM	1
Micrasema		40	0.18	MH	1
Helicopsyche borealis		80	0.36	SC	3
Hydropsyche		1000	4.45	CF	4
Rhyacophila Coloradensis Gr.		40	0.18	PR	2
COLEOPTERA					
Optioservus		40	0.18	SC	4
DIPTERA					
Simulium		2720	12.1	CF	6
CHIRONOMIDAE					
Chironomidae-pupae		640	2.85	UN	6
Cardiocladius		520	2.31	PR	5
Cricotopus		2800	12.46	CG	7
Cricotopus Trifascia Gr.		120	0.53	CG	6
Dicrotendipes		120	0.53	CG	8
Eukiefferiella		920	4.09	OM	8
Limnophyes		120	0.53	CG	8
Micropsectra		400	1.78	CG	7
Microtendipes		200	0.89	CG	6
Orthocladius Complex		1320	5.87	CG	6
Orthocladius Euorthocladius		120	0.53	CG	6
Pagastia		400	1.78	CG	1
Paraphaenocladius		200	0.89	CG	4
Phaenopsectra		200	0.89	SC	7
Polypedilum		120	0.53	OM	6
Synorthocladius		120	0.53	CG	2
Thienemanniella		520	2.31	CG	6
Thienemannimyia Gr.		120	0.53	PR	6
Tvetenia		2000	8.9	CG	5

TOTAL NUMBER OF TAXA	38	EPT ABUNDANCE	7000
TOTAL NUMBER OF ORGANISMS	22480	NUMBER EPT TAXA	14
HILSENHOFF BIOTIC INDEX	5.53	SHANNON DIVERSITY INDEX (H)	4.12

SNAKE RIVER MAIN STEM

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953 to 1996, April to October 1999 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: January 1953 to September 1976, March l978 to July 1979, May 31 to September 19, 1996, May 1, 1999 to September 30, 1999 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 20 °C Aug. 6, 7, 1970; minimum, 0.0 ° C on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 14.5 ° C Aug. 27, 29-30.

WATER-QUALITY DATA, APRIL 1999 to OCTOBER 1999

DATE	TIME (00061)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00095)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00400)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00020)	TEMPER-ATURE AIR (DEG C) (00010)	TEMPER-ATURE WATER (DEG C) (00076)	TUR-BID-ITY (NTU) (00300)	OXYGEN, DIS-SOLVED (MG/L) (00301)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (31625)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31673)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
APR											
23...	1252	9560	403	8.4	8.8	4.6	2.6	11.1	105	<1	K2
MAY											
28...	1022	19000	333	8.3	17.0	9.0	14	9.7	101	K18	K17
JUN											
28...	1400	18000	275	8.2	20.0	11.0	7.5	9.0	99	K13	55
AUG											
04...	1315	10800	288	8.3	27.4	13.2	2.0	9.4	109	K8	K4
SEP											
28...	1108	7460	345	8.4	3.0	11.1	.80	8.4	90	K3	38
OCT											
12...	1214	5130	366	8.4	22.0	11.2	1.4	9.3	101	K2	K9

DATE	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS HCO3 (00440)	ANC UNFLTRD CARB FET FIELD MG/L AS CO3 (00445)
SEP								
28...	150	43	11	9.5	12	1.6	150	2

DATE	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)
SEP								
28...	129	38	7.8	.35	9.3	198	.27	3990

DATE	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
APR								
23...	<.010	.131	<.020	.12	<.050	.011	5	129
MAY								
28...	<.010	.081	.041	.39	.098	.011	71	3640
JUN								
28...	<.010	.064	<.020	.19	.063	.013	14	680
AUG								
04...	<.010	.061	<.020	.23	E.039	<.010	8	233
SEP								
28...	<.010	.058	<.020	E.05	<.050	<.010	4	81
OCT								
12...	<.010	<.050	<.020	E.09	<.050	<.010	2	28

E Positive detection, but below stated detection limit.
K Results based on counts outside ideal range.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
		APRIL			MAY	
1	---	---	---	7.9	6.0	6.9
2	---	---	---	7.7	5.9	6.3
3	---	---	---	6.8	5.7	6.3
4	---	---	---	6.8	5.1	6.0
5	---	---	---	6.8	4.6	5.8
6	---	---	---	8.3	4.0	5.9
7	---	---	---	8.3	4.9	6.6
8	---	---	---	7.7	5.5	6.6
9	---	---	---	7.9	6.0	6.9
10	---	---	---	7.4	5.2	6.2
11	---	---	---	8.0	5.4	6.6
12	---	---	---	7.7	5.9	6.9
13	---	---	---	7.7	6.5	7.1
14	---	---	---	8.5	6.0	7.2
15	---	---	---	7.4	6.3	6.5
16	---	---	---	7.9	6.0	6.8
17	---	---	---	8.7	5.9	7.2
18	---	---	---	9.1	6.6	7.9
19	---	---	---	9.3	6.8	8.1
20	---	---	---	10.2	6.6	8.3
21	---	---	---	10.7	7.1	8.9
22	---	---	---	11.1	7.7	9.2
23	---	---	---	11.1	7.1	9.1
24	---	---	---	11.1	7.6	9.4
25	---	---	---	11.4	8.2	9.8
26	---	---	---	11.3	8.5	9.7
27	---	---	---	11.4	8.5	9.8
28	---	---	---	10.8	8.8	9.9
29	---	---	---	10.2	8.7	9.4
30	---	---	---	9.4	8.8	9.0
31	---	---	---	9.6	8.5	9.0
MONTH	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11.1	8.8	9.8	12.1	10.7	11.3	13.1	12.8	12.9	14.2	14.1	14.1
2	10.4	9.4	9.8	12.1	10.8	11.4	13.1	12.8	12.9	14.2	14.1	14.2
3	10.8	9.1	9.9	12.1	11.0	11.5	13.3	13.0	13.1	14.2	14.1	14.1
4	11.0	8.8	9.8	12.1	11.3	11.6	13.3	13.0	13.1	14.1	13.9	14.0
5	10.2	8.5	9.2	12.1	11.0	11.5	13.3	13.1	13.2	14.2	13.9	14.1
6	10.4	9.1	9.6	12.2	11.3	11.7	13.3	13.1	13.2	14.2	14.1	14.1
7	10.7	9.0	9.6	12.2	11.4	11.7	13.5	13.1	13.2	14.2	14.1	14.1
8	10.0	9.1	9.6	12.1	11.1	11.5	13.6	13.3	13.4	14.1	13.9	14.0
9	11.1	8.2	9.5	12.1	11.3	11.6	13.8	13.5	13.6	14.1	13.9	14.0
10	11.1	8.3	9.6	12.2	11.4	11.8	13.6	13.5	13.6	14.2	14.1	14.1
11	11.6	8.5	9.9	12.2	11.4	11.9	13.6	13.5	13.5	14.1	13.9	14.1
12	11.9	8.5	10.1	12.4	11.6	11.9	13.6	13.3	13.4	14.1	13.9	14.0
13	11.7	8.7	10.2	12.4	11.7	12.0	13.6	13.5	13.5	14.1	13.8	13.9
14	11.9	9.0	10.3	12.4	11.7	12.0	13.8	13.6	13.7	14.1	13.8	13.9
15	11.6	9.3	10.3	12.2	11.7	11.9	13.9	13.6	13.7	14.1	13.9	14.0
16	11.6	9.3	10.3	12.2	11.6	11.9	13.8	13.6	13.7	14.1	13.9	14.0
17	11.3	9.6	10.3	12.1	11.7	11.9	13.9	13.6	13.8	14.1	13.9	14.0
18	11.7	9.3	10.4	12.2	11.7	11.9	13.9	13.8	13.9	14.1	13.9	14.0
19	11.3	9.6	10.3	12.2	11.9	12.1	14.1	13.8	13.9	14.1	14.1	14.1
20	12.2	9.6	10.6	12.4	12.1	12.2	14.1	13.9	14.0	14.1	13.9	14.0
21	12.2	9.9	10.9	12.5	12.1	12.3	14.2	13.9	14.1	14.1	13.9	14.0
22	11.6	10.0	10.7	12.7	12.2	12.4	14.2	14.1	14.2	14.1	13.9	14.0
23	12.1	9.9	10.8	12.7	12.2	12.5	14.4	14.1	14.2	14.1	13.8	14.0
24	11.7	10.0	10.8	12.8	12.4	12.6	14.4	14.1	14.2	13.9	13.8	13.9
25	11.7	10.5	11.0	12.8	12.4	12.6	14.4	14.1	14.2	13.9	13.6	13.8
26	11.6	9.9	10.7	12.8	12.4	12.6	14.4	14.2	14.3	13.8	13.3	13.5
27	11.6	10.2	10.9	12.8	12.5	12.7	14.5	14.2	14.3	13.3	13.1	13.2
28	11.7	10.2	10.9	12.8	12.5	12.7	14.4	14.2	14.3	13.1	12.7	12.9
29	11.6	10.5	11.0	12.8	12.7	12.8	14.5	14.2	14.4	12.8	12.5	12.7
30	11.6	10.5	11.0	13.0	12.7	12.8	14.5	14.2	14.3	12.8	12.5	12.7
31	---	---	---	13.0	12.8	12.9	14.2	14.2	14.2	---	---	---
MONTH	12.2	8.2	10.3	13.0	10.7	12.1	14.5	12.8	13.7	14.2	12.5	13.9